

We claim :

1. A textile material to constitute an outer shell fabric for fire-
5 resistive garments, said textile material being a textile arrangement of at least first and second inherently fire-resistant yarns, said first and second yarns being different from one another, said textile arrangement including interlacing means joining said first and second yarns .
2. Textile material according to claim 1, wherein said textile
10 arrangement is a warp knit.
3. Textile material according to claim 2, wherein said first yarns are of first fiber type, and said second yarns are of a second fiber type or blend of fibers which is different from said first fiber type.
4. Textile material according to claim 3, wherein said first yarns are
15 multi-filamentary yarns of said one fiber type.
5. Textile material according to claim 4, wherein said second yarns are spun yarns.
6. Textile material according to claim 4, wherein said second yarns are multi-filamentary yarns of said second fiber type.
- 20 7. Textile material according to claim 1, wherein said first yarns are exposed on a major part of a face of said outer shell fabric.
8. Textile material according to claim 7, wherein said second yarns are exposed on a major part of a back surface of said outer shell fabric.
9. Textile material according to claim 7, wherein said second yarns
25 are exposed on less than about 15% of said face of said outer shell fabric and said first yarns are exposed on more than about 85% of said face of said outer shell fabric.
10. Textile material according to claim 9, wherein said second yarns are exposed on more than about 75% of the back surface of said outer
30 shell fabric.

11. Textile material according to claim 4, wherein said multi-filamentary yarns of said first fiber type are made up of one or more fibers selected from the group consisting of meta-aramid, para-aramid, polyimide, polybenzimidazole, polynosic rayon, polyimide-amide, polybenzoxazole, methacrylic and melamine fibers.

12. Textile material according to claim 11 wherein said second yarns are spun yarns which are different from said first yarns and are made up of a fiber or blend of fibers selected from the group consisting of meta-aramid, para-aramid, polyimide, polybenzimidazole, polynosic rayon, polyimide-amide, polybenzoxazole, methacrylic and melamine fibers.

13. Textile material according to claim 1, wherein said second yarns are multi-filamentary yarns which are different from said first yarns and are made up of a fiber or blend of fibers selected from the group consisting of meta-aramid, para-aramid, polyimide, polybenzimidazole, polynosic rayon, polyimide-amide, polybenzoxazole, methacrylic and melamine fibers.

14. Textile material according to claim 8, wherein said first yarn type consists of Nomex[®] yarn and said second yarn type consists of Kevlar[®] yarn.

20 15. Textile material according to claim 1, which comprises at least
one additional yarn type.

16. Textile material according to claim 2, wherein said warp knit is produced by using two bars of different warp yarns on a Raschel machine.

25 17. Textile material according to claim 1, wherein said textile
arrangement is a double weave.

18. Textile material according to claim 17, wherein said interlacing means comprise warp yarns of the first fiber-type and shared by both upper and bottom surfaces.

19. Textile material according to claim 17, wherein said interlacing means comprise weft yarns of the first fiber type and shared by upper and bottom surfaces.

20. Textile material according to claim 17, wherein said interlacing means comprise warp and weft yarns of the first fiber type and shared by both upper and bottom surfaces.

21. Textile material according to claim 17, wherein said interlacing means comprise a yarn which is common to both upper and bottom surfaces.

10 22. Textile material according to claim 17, wherein said first yarns
are of one fiber type, and said second yarns are of a second fiber type
which is different from said one fiber type.

23. Textile material according to claim 22, wherein said first yarn is a multifilamentary yarn of said one fiber type.

15 24. Textile material according to claim 22, wherein said second yarn
is a spun yarn of said second fiber type.

25. Textile material according to claim 22, wherein said second yarn is a multi-filamentary yarn of said second fiber type.

26. Textile material according to claim 17, wherein said first yarns are exposed on a major part of a face of said outer shell fabric and said second yarn are exposed on a major part of a back surface of said outer shell fabric.

27. Textile material according to claim 26, wherein said interlacing
means comprise an interlacing yarn which is common to both said face
25 and said base surface.

28. Textile material according to claim 1, wherein said first yarns are more dyeable, more resistant to UV degradation, and more resistant to fibrillation than said second yarns.

29. Textile material according to claim 23, wherein said multi-
30 filamentary yarns of said one fiber type is made up of on or more fibers

selected from the group consisting of meta-aramid, para-aramid, polyimide, polybenzimidazole, polynosic rayon, polyimide-amide, polybenzoxazole, methacrylic and melamine fibers.

30. Textile material according to claim 24, wherein said spun yarn is
5 made up of a fiber or blend of fibers selected from the group consisting
of meta-aramid, para-aramid, polyimide, polybenzimidazole, polynosic
rayon, polyimide-amide, polybenzoxazole, methacrylic and melamine
fibers.

31. Textile material according to claim 24, wherein said multi-
10 filamentary yarns is different from said first yarn and made up of a fiber
or blend of fibers selected from the group consisting of meta-aramid,
para-aramid, polyimide, polybenzimidazole, polynosic rayon,
polyimide-amide, polybenzoxazole, methacrylic and melamine fibers.